## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

# (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 28 October 2004 (28.10.2004)

PCT

## (10) International Publication Number WO 2004/091925 A1

- (51) International Patent Classification<sup>7</sup>: B41M 5/00. C09D 129/04, 189/04 // (C09D 129/04, 25:04) (C09D 189/04, 25:04)
- (21) International Application Number:

PCT/EP2004/003569

- (22) International Filing Date: 3 April 2004 (03.04.2004)
- (25) Filing Language:

English

(26) Publication Language:

**English** 

(30) Priority Data: 0304848

17 April 2003 (17.04.2003)

- (71) Applicant (for all designated States except US): EAST-MAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): THOMAS, Françoise, Marie [FR/FR]; Kodak Industrie, Département Brevets, CRT - Zone Industrielle, F-71102 Chalon sur Saone Cedex (FR).
- (74) Agent: HONORE, Anne-Claire; Kodak Industrie, Département Brevets, CRT - Zone Industrielle, F-71102 Châlon sur Saone Cedex (FR).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(54) Title: METHOD FOR IMPROVING THE OZONE STABILITY OF AN INKJET RECORDING ELEMENT

(57) Abstract: The present invention relates to a method for improving the ozone stability of an inkjet recording element. The present invention consists in using at least one sulfonic polystyrene or one of its sulfonate salts in an inkjet recording element, said element comprising a support and at least one ink-receiving layer including at least one hydrosoluble binder and inorganic fillers, for improving the ozone stability of said element.